

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019697.D
 Acq On : 25 Sep 2024 16:01
 Operator : SY/MD
 Sample : P4168-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-09242024

Quant Time: Sep 26 04:01:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	4467	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	8477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	4716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3262	78.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.720%
35) Dibromofluoromethane	7.622	113	2932	61.003	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.000%
50) Toluene-d8	10.109	98	8947	50.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.402	95	1038	15.185	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	30.380%

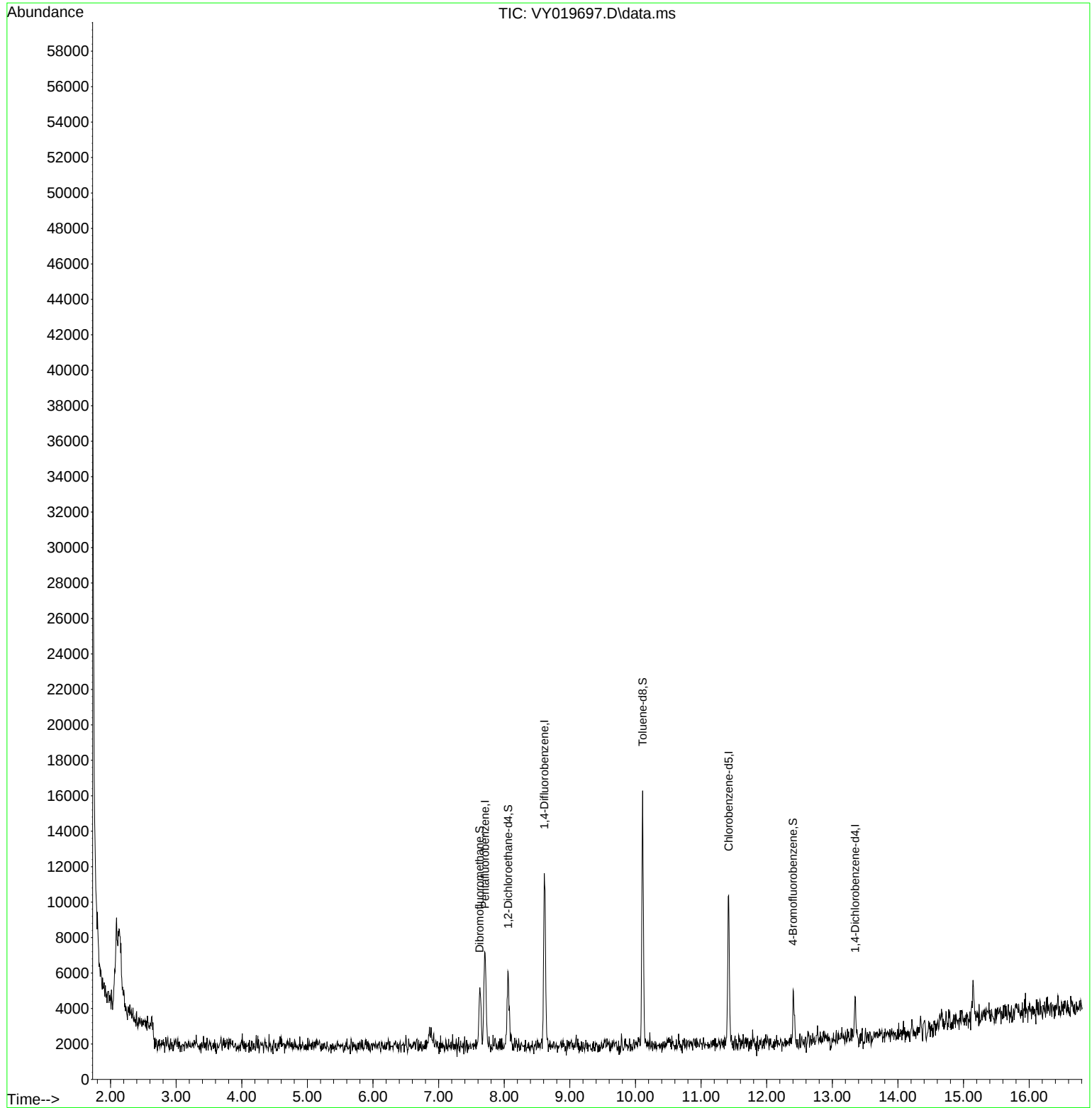
Target Compounds	Qvalue

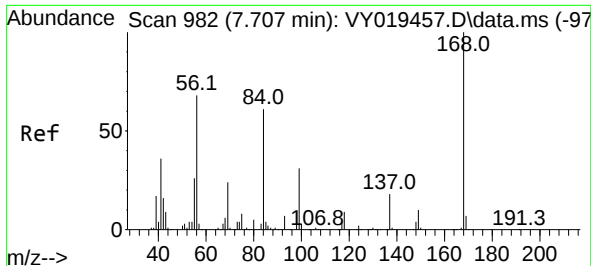
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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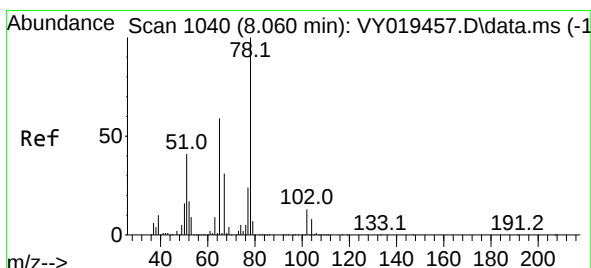
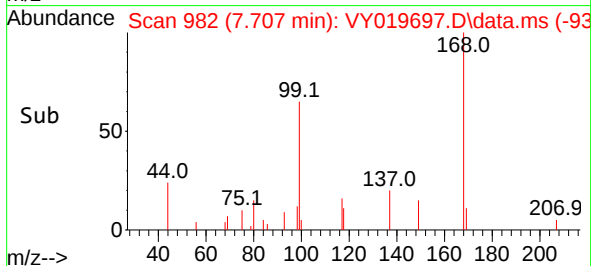
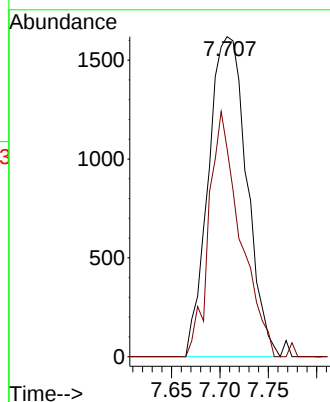
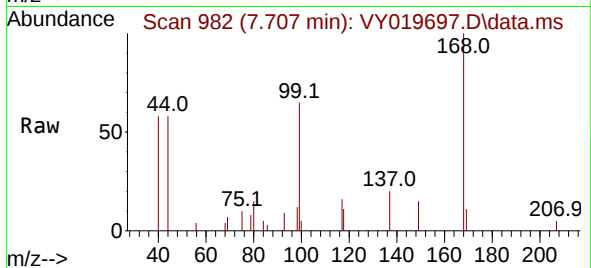




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019697.D
Acq: 25 Sep 2024 16:01

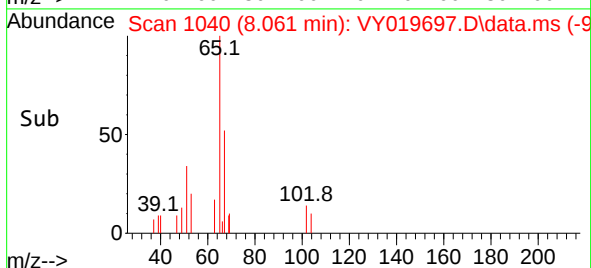
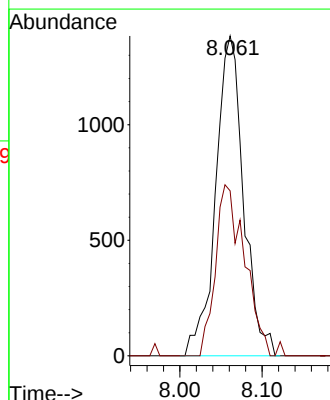
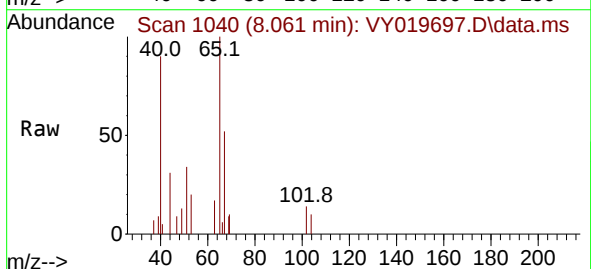
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-09242024

Tgt Ion:168 Resp: 4467
Ion Ratio Lower Upper
168 100
99 65.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 78.862 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019697.D
Acq: 25 Sep 2024 16:01

Tgt Ion: 65 Resp: 3262
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019697.D

Acq: 25 Sep 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-09242024

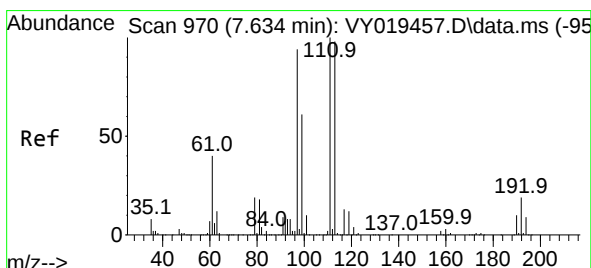
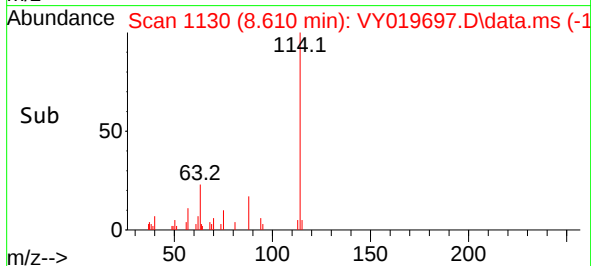
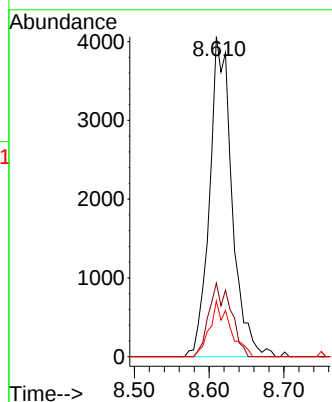
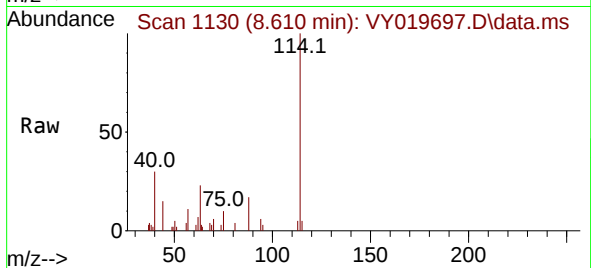
Tgt Ion:114 Resp: 8477

Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

88 17.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 61.003 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY019697.D

Acq: 25 Sep 2024 16:01

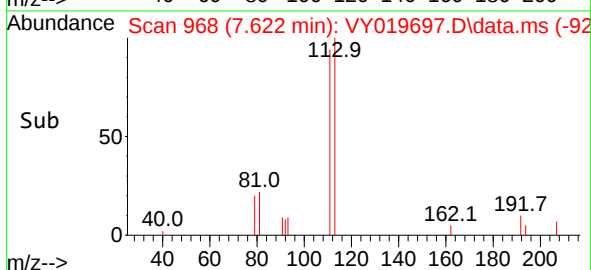
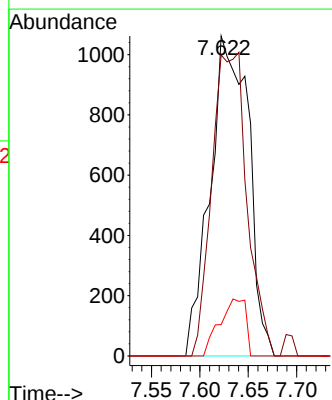
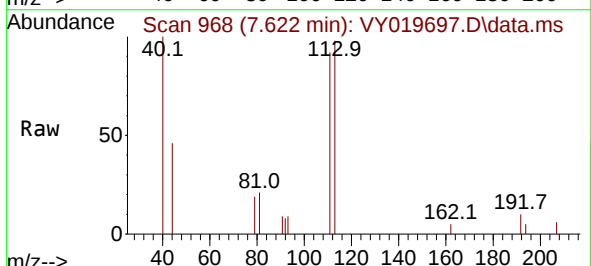
Tgt Ion:113 Resp: 2932

Ion Ratio Lower Upper

113 100

111 86.7 82.2 123.4

192 12.1 15.9 23.9#

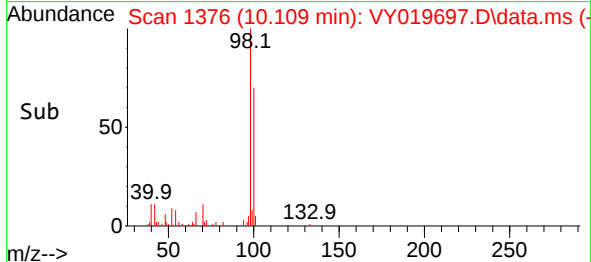
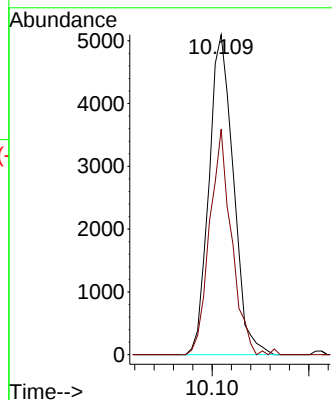
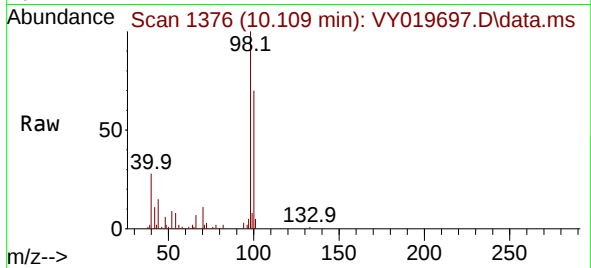




#50
Toluene-d8
Concen: 50.328 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019697.D
Acq: 25 Sep 2024 16:01

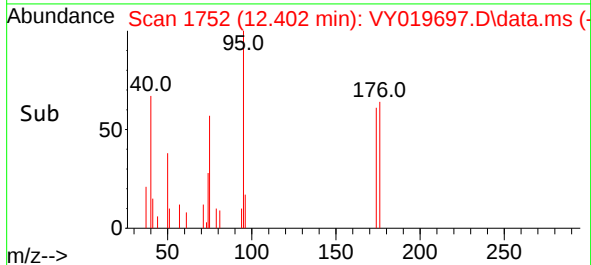
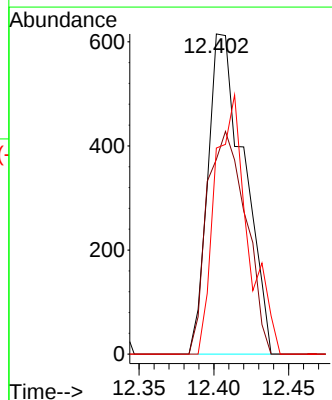
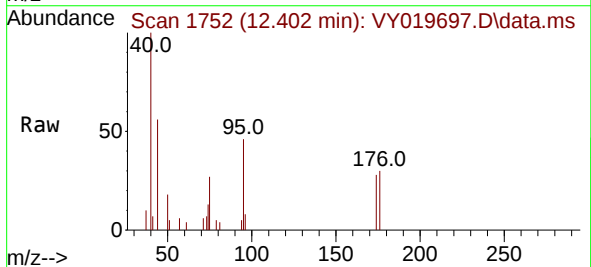
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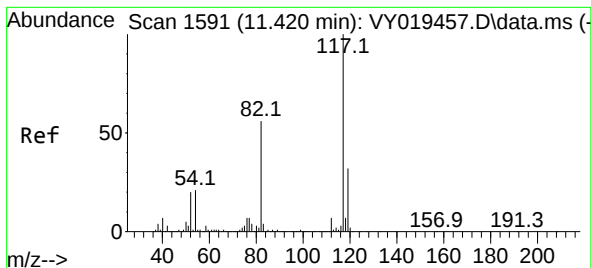
Tgt Ion: 98 Resp: 8947
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 15.185 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019697.D
Acq: 25 Sep 2024 16:01

Tgt Ion: 95 Resp: 1038
Ion Ratio Lower Upper
95 100
174 74.9 0.0 175.6
176 72.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019697.D

Acq: 25 Sep 2024 16:01

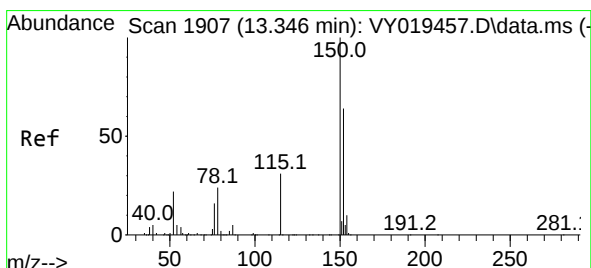
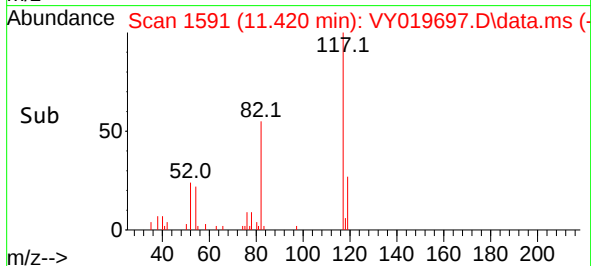
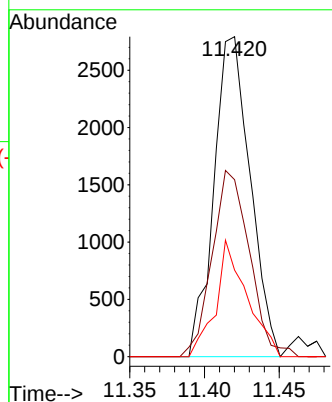
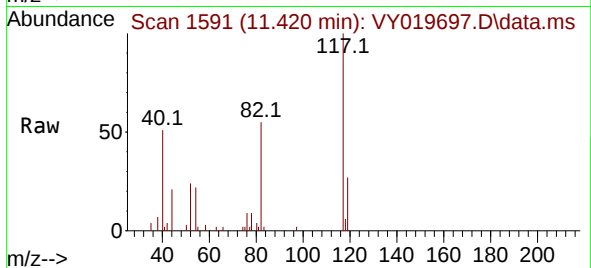
Instrument :

MSVOA_Y

ClientSampleId :

SU-03-09242024

Tgt Ion:	117	Resp:	4716
Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.4	63.6
119	27.0	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019697.D

Acq: 25 Sep 2024 16:01

Tgt Ion:	152	Resp:	779
Ion	Ratio	Lower	Upper
152	100		
115	62.6	28.2	84.7
150	157.4	0.0	345.6

